

REMARKS

Revocation of Power of Attorney

Applicant is enclosing herewith a Revocation of Power of Attorney and Appointment of New Attorney naming BRUCE H. TROXELL as attorney of record in this patent application. It is requested that all further correspondence regarding this matter be forwarded to TROXELL LAW OFFICE PLLC at the address listed on the enclosed form. A CHANGE OF ADDRESS FORM is also being submitted herewith.

Claim Rejections

Claims 1-22 are rejected under 35 U.S.C. § 112, second paragraph. Claims 1-5, 7-17 and 19-22 are rejected under 35 U.S.C. § 102(b) as being anticipated by White et al. (U.S. 4,812,069). Claims 1, 2, 6, 11 and 18 are rejected under 35 U.S.C. § 102(b) as being anticipated by Henson et al. (U.S. 2,099,268).

Drawings

The Examiner has objected to the drawings under 37 C.F.R. §1.84(p)(4) insofar as reference numerals "242" and "263" are both used to designate shallow slots. As noted above, the specification has been amended to change the description of reference numeral "263" thereby obviating the objections to the drawings. It is not believed that any drawing corrections are necessary.

Amendments to Specification

Applicant has amended the specification as noted above to change the description of reference numeral 263 to read --tube cap shallow slot--. No "new matter" has been added to the original disclosure by the foregoing amendments to the specification.

New Claims

By this Amendment, Applicant has canceled claims 1-22 and has added new claims 23-43 to this application. It is believed that the new claims specifically set forth each element of Applicant's invention in full compliance with 35 U.S.C. § 112, and define subject matter that is patentably distinguishable over the cited prior art, taken individually or in combination.

The new claims are directed toward a paper dispenser for mounting a paper roll comprising: a tube (24) having an elongated lateral opening (243) and a cavity; a central shaft (21) located in the cavity and having: two positioning pins (212), one of the two positioning pins is located on each of a first end and a second end thereof; and a ratchet wheel (213) located on the first end thereof and selectively controlling a rotation of the central shaft; a spring set (22) located in the cavity and having a first end connected to the central shaft and a second end connected to a first end of the paper roll; two annular leaf sets (25), each of the two annular leaf sets having an inner ring located between the tube and the spring set; and two tube caps (26), one of the two tube caps covering each of two opposing ends of the tube, wherein the central shaft is selectively rotated moving a second end of the paper roll between an extended and retracted positions.

Other embodiments of the present invention include: each of the two tube caps has a round hole (262) located in a center thereof, one positioning pin is inserted through the round hole of each of the two tube caps; an arcuate elastic piece (244) having a first end connected to a wall of the elongated lateral opening and a second end pressing against an outermost layer of the paper roll; each of the two tube caps and the arcuate elastic piece has a guide slot (245) form therein; the spring set is a curled elastic piece having elasticity in a radial direction; each of the two annular leaf sets is an open ring spring made of a curled elastic piece having elasticity in a radial direction; the tube includes two shallow slots (242) located on an outer periphery thereof, an outer ring of one of the two annular leaf sets being located in each of the two shallow slots; each inner ring of the two annular leaf sets includes an annular spring engaging an outer circumference of the paper roll; and each annular spring is a predetermined size to control friction between each annular spring and the paper roll.

Claims 32-43 of the present invention include: a rotation cap (33) located on a top of the ratchet wheel and controlling the rotation of the central shaft; a shaft brake (321) having a serrated braking part (322) movable between engaged and disengaged positions, in the engaged position the serrated braking part engaging the ratchet wheel of the central shaft, and in the disengaged position the serrated braking part is spaced apart from the ratchet wheel of the central shaft; and a first tube cap of the two tube caps located on a first end of the tube has tube cap slot (263), the shaft brake being located in the tube cap slot.

The primary reference to White et al. teaches writing implement having a paper dispenser including a cartridge (17) including a casing (70) having end walls (76, 77) and side walls (78, 79) with clip arms (80), paper (99) wound around a hollow spindle (96), a spindle (92) with a gear (93) and a roller (91) located on an exterior of the casing. A knob (18) has a gear (101) meshing with gear (93).

White et al. do not teach a spring set located in the cavity and having a first end connected to the central shaft and a second end connected to a first end of the paper roll; two annular leaf sets, each of the two annular leaf sets having an inner ring located between the tube and the spring set; one positioning pin is inserted through the round hole of each of the two tube caps; an arcuate elastic piece having a first end connected to a wall of the elongated lateral opening and a second end pressing against an outermost layer of the paper roll; each of the two tube caps and the arcuate elastic piece has a guide slot form therein; the tube includes two shallow slots located on an outer periphery thereof, an outer ring of one of the two annular leaf sets being located in each of the two shallow slots; nor do White et al. teach each inner ring of the two annular leaf sets includes an annular spring engaging an outer circumference of the paper roll.

It is axiomatic in U.S. patent law that, in order for a reference to anticipate a claimed structure, it must clearly disclose each and every feature of the claimed structure. Applicant submits that it is abundantly clear, as discussed above, that White et al. do not disclose each and every feature of Applicant's new claims and, therefore, could not possibly anticipate these claims under 35 U.S.C. § 102. Absent a specific showing of these features, White et al. cannot be said to anticipate any of Applicant's new claims under 35 U.S.C. § 102.

The second primary reference to Henson et al. teaches a paper holder including a stem (65) having paper (70) wound around a lower portion, and a spring (73) located on an upper portion. The upper portion of the stem includes pawls (81) ratchet teeth (83) of a block (60).

Henson et al. do not teach a spring set located in the cavity and having a first end connected to the central shaft and a second end connected to a first end of the paper roll; two annular leaf sets, each of the two annular leaf sets having an inner ring located between the tube and the spring set; one positioning pin is inserted through the round hole of each of the two tube caps; an arcuate elastic piece having a first end connected to a wall of the elongated lateral opening and a second end pressing against an outermost layer of the paper roll; each of the two tube caps and the arcuate elastic piece has a guide slot form therein; the tube includes two shallow slots located on an outer periphery thereof, an outer ring of one of the two annular leaf sets being located in each of the two shallow slots; nor do Henson et al. teach each inner ring of the two annular leaf sets includes an annular spring engaging an outer circumference of the paper roll.

It is axiomatic in U.S. patent law that, in order for a reference to anticipate a claimed structure, it must clearly disclose each and every feature of the claimed structure. Applicant submits that it is abundantly clear, as discussed above, that Henson et al. do not disclose each and every feature of Applicant's new claims and, therefore, could not possibly anticipate these claims under 35 U.S.C. § 102. Absent a specific showing of these features, Henson et al. cannot be said to anticipate any of Applicant's new claims under 35 U.S.C. § 102.

Neither White et al. nor Henson et al. disclose, or suggest a modification of their specifically disclosed structures that would lead one having ordinary skill in the art to arrive at Applicant's claimed structure. Applicant hereby respectfully submits that no combination of the cited prior art renders obvious the new claims.

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Summary

In view of the foregoing amendments and remarks, Applicant submits that this application is now in condition for allowance and such action is respectfully requested. Should any points remain in issue, which the Examiner feels could best be resolved by either a personal or a telephone interview, it is urged that Applicant's local attorney be contacted at the exchange listed below.

Respectfully submitted,

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By:



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